

**Justin & Mallory Fiske (Owners)**  
**1517 Iroquois St**  
**Indian Village**  
**HDC Project Review Request**  
**Front Brick Walkway Restoration & Repair Project**

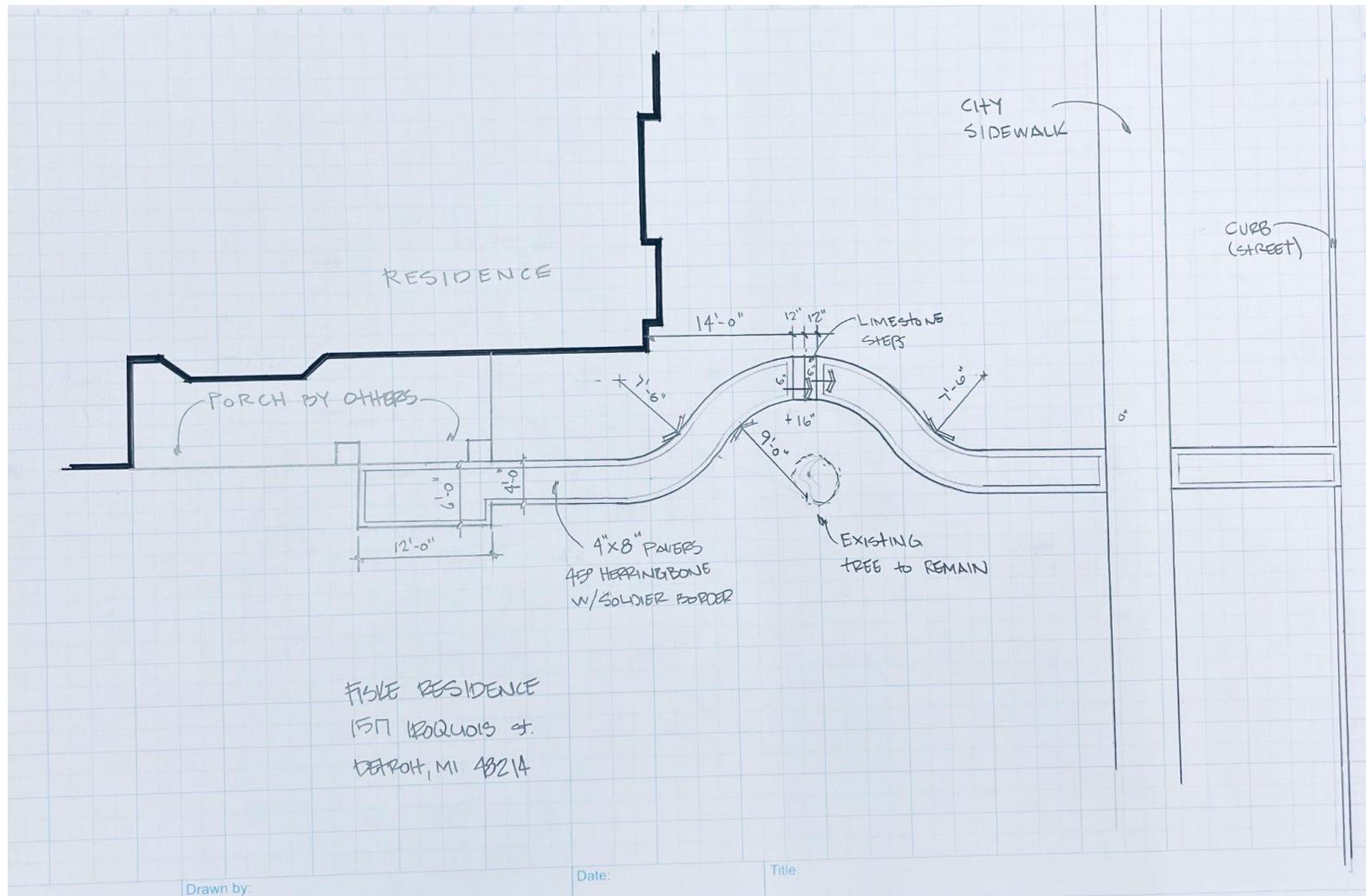
**Project Review Outline:**

- 1) Floor Plan & Photographs
- 2) Description of Existing Conditions
- 3) Description of Project
- 4) Describing Scope of Work
- 5) Materials

## PROJECT DETAILS

### 1) The Floor Plan

Description: The current walkway is a direct line toward the side entry porch side. This plan shows the new walkway safely re-routed 9.0' from tree radius to avoid major tree roots and roots disrupting uneven soil. The two 16" grade steps are at the path 90 degree 'arch' not to exceed the perpendicular main house line to retain historic preservation of a main side entrance.



2) Photographs w/ Descriptions



View 1 from sidewalk showing original placement of brick pathway directly into 100' tree trunk and roots.



View 2: Showing bricks raised and in disrepair from 100 ft tree roots



View 3: Close up view of cracked and unsafe uneven bricks.



View 4: View from Iroquois Street berm pathway. This layout will remain the same, just relaying the bricks with support grid and sand underneath to restore / repair / level the pathway and to make it safer since the majority of the bricks are angled up or broken.



View 5: Close-up view of brick walkway near porch. The walkway will end at the same location at the end of the porch steps.



View 6: Sample brick layout design from Iroquois Indian Village neighbor. The brick layout will be replicated in our walkway. The main difference is that instead of a 'grand' entrance steps with columns, which detracts from the 'surprise' effect side main entrance walkway, the steps will be limestone steps (no columns). These limestone steps Two steps are all that will be installed after pitch is added to the walkway. In this way, the pathway walker is not distracted by a grandier walkway entrance, but eye is captivated by the side entrance 'surprise.' See photo view 7 for limestone step view.



View 7: Sample of limestone steps. Only two will be used for our project based on 16" rise in soil grade from tree roots and ground level.

### **3) Description of Existing Conditions**

The current brick walkway is located on the berm (between Iroquois St and city sidewalk) and the main property front yard from city sidewalk to side main entrance porch. Over the decades, the brick pathway has fell into disrepair with the soil and tree roots underneath the pathway making the bricks misleveled and cracked. In addition, there is a 60 year old large 100 foot tree with large roots that has significantly disrepaired the middle part of pathway and upped the soil. This has caused the brick walkway to crack and lift from its original placement and where it's now a safety hazard without steps slightly rerouted and releveled. Many bricks along the walkway are salvageable to reuse/restore but some are cracked or broken needing identical replacement.

### **4) Description of Project:**

The end goal is to restore the beautiful brick pathway up to both historic charm (i.e. retaining the integrity of the side entry historic home) while meeting basic safety protocols. The plan is to keep and restore the majority of bricks and replace any broken/cracked/unsafe bricks with 'of the like' historic bricks. The historic 100 foot tree roots on the property line of 1517 Iroquois (our home) and 1507 (our neighbors) has lifted the soil and brick pathway up a 16" grade where two steps are now needed. The walkway was originally a straight path direct to the front porch before the 100 foot tree was planted ~60 years ago. The pathway literally runs directly into the tree trunk and large roots. Now with the tree in place, the safest path is for it to curve around in a half circle 9 feet from the trunk and then reconnect back to the original straight line to the side of the porch steps.

### **5) Describing Scope of Work:**

- Remove existing clay brick pavers and identify cracked and salvageable bricks (estimated 60% salvageable to reuse)
- Dig and haul soil off site off site.
- Supply and install Load Support Grid (LSG) over sub-grade
- Supply and install 4" base (21AA and 2NS sand)
- Supply and install historic original bricks and identical match replacement bricks
- Supply and install concrete edge restraint
- Supply and install (2) Limestone steps
- Trim-to-design pattern of historic replication (cut pavers with diamond saw as needed)
- Install polymeric sand in paver joints only.

**6) Materials:**



For any bricks that need replacement, historic bricks (samples above) will be sourced with identical color, size, and material. Bricks sourced from Fendt pavers locally in Ann Arbor:

<https://fendtproducts.com/products/pavers/>

The steps are limestone. The step sidings will be flat, and not rugged. See below for sample. Our project will only need two steps with the 16" soil grade.

